

**COMBINED DECLARATION FOR PATENT APPLICATION
AND POWER OF ATTORNEY**

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PD- 03-1002

- Original
- Continuation
- Division
- Continuation-in-part
- Supplemental
- PCT
- Design

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Optical Memory and Logic Using Cross-Switches

the specification of which

(check one) is attached hereto
 was filed on as
Application Serial No. and (a) [other than supplemental] was amended
on or (b) [supplemental] with amendments through

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of the application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Priority Claimed

Number _____ Country _____ Day/Month/Year filed _____

Yes

No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No. _____

Filing Date _____

Status _____
(patented, pending, abandoned)

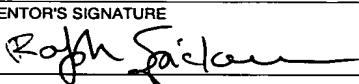
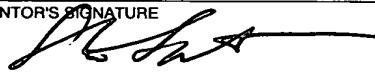
I hereby appoint the following attorney(s), or agent(s) and attorney(s), to prosecute the application and to transact all business in the Patent and Trademark Office connected therewith:

Kenneth W. Float, Registration No. 29,233

Address all telephone calls to Kenneth W. Float at (949) 459-5519.

Address all correspondence to Mr. Keith Nelson, Lockheed Martin Corp., P. O. Box 49041, San Jose, CA 95161-9041.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST JOINT INVENTOR Ralph Spickermann	INVENTOR'S SIGNATURE 	DATE 11/15/03
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POST OFFICE ADDRESS		
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE		CITIZENSHIP
POST OFFICE ADDRESS		
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
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POST OFFICE ADDRESS		